PHDE020193_WO MAT

XP-002260974

AN - 2001-587434 [66]
AP - KR19990037549 19990904; [Previous Publ. KR2001026297] ;
KR19990037549 19990904
CPY - KOCS-N
- KOAD
DC - L03 X26
FS - CPI;EPI
IC - C09K11/08
IN - BYUN J H; KIM C H; PARK C H
MC - L03-C04A L03-D01D
- X26-A02D
PA - (KOCS-N) KOREA INST CONSTR TECHNOLOGY
- (KOAD) KOREA ADV INST SCI & TECHNOLOGY
PN - KR306996 B 20010924 DW200233 C09K11/08 000pp
- KR2001026297 A 20010406 DW200166 C09K11/08 001pp
PR - KR19990037549 19990904
XA - C2001-174222
XIC - C09K-011/08
AB - KR2001026297 NOVELTY - A novel fluorescent substance which has an improved luminous efficiency regarding ultraviolet rays near 370 nanometer by modifying a conventional luminous substance of (Ba2-xSrx)SiO4:Eu+ is provided.
- DETAILED DESCRIPTION - The fluorescent substance, which uses europium as an activator, is represented by the following formula (1), (Ba2-x-y-z- alpha SrxEuyMzN alpha). In the formula 1, x is 0 at most x at most 2, y is 0.001 at most y at most 0.05, z is 0.001 at most z at most 0.1, alpha is 0 at most alpha at most 0.1, x+y+z+ alpha is 0 at most x+y+z+ alpha at most 2, delta is -0.05 at most delta at most 0.05, M is La, Ce, Pr, Nd, Pm, Sm, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, Sc, Al, Ga and In and L is Li, Na and K.
- (Dwg.1/10)
IW - SILICATE FLUORESCENT SUBSTANCE LAMP
IKW - SILICATE FLUORESCENT SUBSTANCE LAMP
INW - BYUN J H; KIM C H; PARK C H
NC - 001
OPD - 1999-09-04
ORD - 2001-04-06
PAW - (KOCS-N) KOREA INST CONSTR TECHNOLOGY
- (KOAD) KOREA ADV INST SCI & TECHNOLOGY
TI - Silicate fluorescent substance for lamp